



TREE SQUIRREL®

SMOOTH ACTION
PRUNING AND PICKING TOWER



25 Foot
Tree Squirrel®

Designed and built by NELSON MFG. CO., INC., Yuba City, CA.

TREE SQUIRREL®

SPECIFICATIONS



Quality Nelson **Tree Squirrel®** pruning and picking towers are designed and built for long-lasting dependability and with attention to operator convenience and efficiency.

EASY TO OPERATE

The **Tree Squirrel®** hydraulic system provides smooth action for operator comfort making the tower controls very easy to master. The large hydraulic oil cooler is on the Tool circuit helping to cool the tools to the grip. The Greenlee brand Lopper and Chain saw are simple and lightweight yet built strong for commercial use. Tool rack is conveniently located at waist level and behind the working platform which allows for very easy access. Tool selection is quick with a flick of the selector handle.

EXCELLENT STABILITY AND MANEUVERABILITY

Maneuvering the **Tree Squirrel®** between trees is easy with the three-point frame design and joystick controls. Tower can turn 360° in it's own length with the automatic counter-rotation drive wheel function. The wide width-to-height ratio provides excellent stability on uneven ground. Road transport is easy with the new retracting axle system (standard on all 25-foot towers). Simply retract the wheels with a flick of the switch then slide the Tow tongue into place, adjust the Drive-wheels to neutral, and go! The original design Tow package is an Option for the 20-foot **Tree Squirrel®** and includes 15" road tires, mounting brackets and towing tongue.

DEPENDABLE POWER COMPONENTS

Power is provided by the dependable Kubota® D1105 diesel engine. Rated at 24.9HP, engine is 1.1 liter, 3-cylinder and Tier 4. The reliable Sauer-Danfoss® hydraulic pumps, Sauer-Danfoss® wheel motors and the rugged Auburn Gear® Power Wheel planetary drives are designed together to provide the best torque and speeds while utilizing power efficiently.

BUILT FOR PRODUCTION

Standard equipment on the **Tree Squirrel®** also includes two ground speeds. High speed ground drive considerably shortens time spent to and from the orchard while low (working) speed is perfect for working in and around trees. For safety, high speed only functions when the boom is fully in the down position. Engine start/stop and all hydraulic functions can be operated from both the platform as well as from the ground at the engine. The Powdercoat finish includes both color and clear coats providing the best protection while withstanding falling branches and keeping its shine.

TIME TESTED

Manufactured for over 45 years, the **Tree Squirrel®** is a favorite of both demanding farmers as well as contract pruning companies. Whether you are pruning your orchard or need an easy way to pick your crop, the **Tree Squirrel®** tower is perfect for the job. The 2-speed ground drive will dramatically shorten time to and from the orchard and the smooth action will minimize operator fatigue, increasing production and profits!

Engine	Kubota® D1105 Tier 4
Size/Cylinders	1.1 Liter / 3 cylinders
Horsepower/Fuel	24.9 HP / Diesel
Engine Protection	Yes
Hydraulics	Sauer Danfoss® Pumps and Motors
Wheel Drive	Auburn Gear® #40 Power Wheel
Speeds	2-speed
Controls	Joystick Steering & Rocker-pedal Lift
Fuel Capacity	20' Tower: 12 Gal. 25' Tower: 30 Gal.
Hyd. Oil Capacity	20' Tower: 26 Gal. 25' Tower: 30 Gal.
Chain Saw Option	Greenlee Hyd. Chain Saw
Lopper Option	Greenlee Hyd. Limb-Lopper
Boom Cylinder	20' Model: 2" x 30" welded 25' Model: 2" x 48" welded
Drive Tires	31 x 15.50 - 15 flotation
Caster Tires	11L x 15 ribbed
Bearings:	2 sealed
Boom (both ends)	(Timken®)
Bearings:	2 sealed
Stabilizer (both ends)	(Timken®)
Bearings:	2 sealed
Caster Wheels	(Timken®)
Frame Tubing	4" x 6" x 3/16"
Coating	Powdercoat: Color & Clear
Maximum Height (to Platform Floor)	20' Model: 20' 0" (240 In.) 25' Model: 25' 0" (300 In.)
Max. Pruning Height (Operator height + reach + tool length)	20' Model: Approx. 30 Ft. 25' Model: Approx. 35 ft.
Minimum Height (Top of Mast)	20' Model: 7' 2" (86 In.) 25' Model: 8' 1" (97 In.)
Overall Length (Boom down)	20' Model: 17' 7" (211 In.) 25' Model: 24' 9" (297 In.)
Overall Length of Frame only	20' Model: 10' (120 In.) 25' Model: 14' (168 In.)
Overall Width with Drive-wheels out	20' Model: 11' 4" (136 In.) 25' Model: 12' 1" (145 in.)
Overall Width when towing	20' Model: 6' 10" (82 In.) 25' Model: 9' 2" (110 in.)
Weight	20' Model: 3,100 Lbs. 25' Model: 3,660 Lbs.



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